

PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.169)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	P759-PCT
I	Title of Invention	INTER-CYLINDER VARIATION DETECTION DEVICE AND INTER-BANK VARIATION DETECTION DEVICE OF INTERNAL COMBUSTION ENGINE
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	TOYOTA JIDOSHA KABUSHIKI KAISHA
II-5	Address	1, Toyotacho, Toyota-shi, Aichi 4718571 Japan
II-6	State of nationality	JP
II-7	State of residence	JP
III-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	OHTSUKA, Kaoru
III-1-5	Address	c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi 4718571 Japan
III-1-6	State of nationality	JP
III-1-7	State of residence	JP

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III-2	Applicant and/or Inventor	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	TSUNOOKA, Takashi
III-2-5	Address	c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi 4718571 Japan
III-2-6	State of nationality	JP
III-2-7	State of residence	JP
III-3	Applicant and/or Inventor	
III-3-1	This person is	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	HIRAKU, Keizo
III-3-5	Address	c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi 4718571 Japan
III-3-6	State of nationality	JP
III-3-7	State of residence	JP
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	AOKI, Atsushi
IV-1-2	Address	A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 1058423 Japan
IV-1-3	Telephone No.	03-5470-1900
IV-1-4	Facsimile No.	03-5470-1911
IV-1-6	Agent's registration No.	100099759

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IV-2	Additional agent(s)	agent
IV-2-1	Name (LAST, First)	TSURUTA, Junichi
IV-2-2	Address	A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 1058423 Japan
IV-2-3	Telephone No.	03-5470-1900
IV-2-4	Facsimile No.	03-2470-1911
IV-2-5	e-mail	
IV-2-6	Agent's registration No.	
IV-3	Additional agent(s)	agent
IV-3-1	Name (LAST, First)	SHIMADA, Tetsuro
IV-3-2	Address	A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 1058423 Japan
IV-3-3	Telephone No.	03-5470-1900
IV-3-4	Facsimile No.	03-2470-1911
IV-3-5	e-mail	
IV-3-6	Agent's registration No.	
IV-4	Additional agent(s)	agent
IV-4-1	Name (LAST, First)	HIROSE, Shigeki
IV-4-2	Address	A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 1058423 Japan
IV-4-3	Telephone No.	03-5470-1900
IV-4-4	Facsimile No.	03-2470-1911
IV-4-5	e-mail	
IV-4-6	Agent's registration No.	

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IV-5	Additional agent(s)	agent	
IV-5-1	Name (LAST, First)	NISHIYAMA, Masaya	
IV-5-2	Address	A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 1058423 Japan	
IV-5-3	Telephone No.	03-5470-1900	
IV-5-4	Facsimile No.	03-2470-1911	
IV-5-5	e-mail		
IV-5-6	Agent's registration No.		
V	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	22 July 2003 (22.07.2003)	
VI-1-2	Number	2003-199819	
VI-1-3	Country	JP	
VII-1	International Searching Authority Chosen	Japan Patent Office (ISA/JP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	53	-
IX-3	Claims	5	-
IX-4	Abstract	1	✓
IX-5	Drawings	22	-
IX-7	TOTAL	86	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	5	
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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